Axagon EEM2-20G USB-C 20Gbps - M.2 NVMe SSD ARMORED box

Model: EEM2-20G

Manufacturer: AXAGON

EAN: 8595247908483

Product Code: 1424992

R1,527

Fast external AXAGON EEM2-20G ARMORED box with USB 20Gbps interface for M.2 NVMe SSDs. The double-sided USB-C connector on the box enables a reliable connection. In the package you will find a USB-C -> USB-C cable to connect the box to your computer.

Thanks to the USB 20Gbps interface, the transmission rate is up to 20 Gb/s. To take full advantage of the speed of the box, the controller of the connected device must be compatible with USB 3.2 Gen 2x2. These controllers are typically used in gaming laptops and modern desktop computers. The external M.2 box also supports other modern features e.g. UASP, TRIM and enables reading S.M.A.R.T. disk status monitoring information. Standby support when idle.

The advantage of the box is the attachment of four different lengths of SSD cards - 30, 42, 60 and 80 mm. M.2 drives can be single-sided or double-sided. The box does not limit the capacity of inserted

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SSD. Opening the box via only one screw makes it easy to mount and dismount the M.2 SSD disk. Disk replacement is quick and easy, thus expanding the possibilities of using the box, e.g. for data migration, testing, etc.

Aluminum box body and thermal conductive pad provides very good M.2 SSD disk cooling. Vents on the sides ensure sufficient air circulation. This extends its service life and also prevents the disk from slowing down, so-called „Thermal Throttling“. Another benefit is the silicone sleeve, which provides better protection of the box against shocks, prevents sliding on the table and ensures a comfortable grip in the hand. The outer metal housing is made in black colour with an elegant finish, that prevents unwanted fingerprints.

By inserting the M.2 SSD in the box, you will easily create fast compact and universal external disk. The box can be used with computers and notebooks, as well as with mobile phones and tablets.

Input:

• USB 20Gbps (USB 3.2 Gen 2x2), connector USB-C female.
• Compatible with USB 5Gbps, USB 10Gbps.

Device support:

• NMVe M.2 SSD disks,
• designed for M key or B+M key card formats,
• NGFF 75-pin M key slot for M.2 drives.

Maximum theoretical supported speeds and compatibility with USB controllers (ports):

• Laptop / PC with USB 20Gbps (USB 3.2 Gen 2x2) port: max. speed 20 Gbit/s.
• Laptop / PC with USB 10Gbps (USB 3.2 Gen 2) port: max. speed 10 Gbit/s.
• Laptop / PC with USB 5Gbps (USB 3.2 Gen 1 / USB 3.0) port: max. speed 5 Gbit/s.
• Compatible with USB4, Thunderbolt 3/4 ports: max. speed 10 Gbit/s.
• The real box bandwidth / transmission rate is about 2000 MB/s (2 GB/s), it is given by the limits of the USB 3.2 Gen 2x2 interface.

Other features:

• Supports transmission rates 20.000 / 10.000 / 5.000 Mbit/s.
• Support of M key or B+M key NVMe (PCI-Express) M.2 SSD disks without a maximum capacity limit.

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• Support of M.2 disks of these sizes – 2230, 2242, 2260, and 2280 mm.
• Support of both one-sided and double-sided M.2 SSDs.
• Compliant with PCI Express Base Specification Revision 3.1a specification.
• Compliant with NVM Express 1.3c Specification.
• Compliant with USB Mass Storage Class specification.
• Supports BOT (Bulk-Only Transport).
• Supports UASP (USB Attached SCSI) for faster data transmission in Windows 8 and later.
• Supports TRIM functionality to limit gradual degradation of the SSD performance over time.
• Supports S.M.A.R.T. (Self-Monitoring, Analysis, and Reporting Technology) system monitoring disk condition.
• SSD boot support in external box.
• Possibility to connect your device while running thanks to the Hot Plug support.
• Full Plug and Play support.
• Power supply via USB bus up to 900mA from one USB port is sufficient in all cases.
• A decent blue LED indicating the connection to the computer's USB port (permanent light) and data transmission (blinking).
• Heavy-duty aluminium body and thermal conductive pad helps to better cooling the M.2 SSD disk.
• Higher box surface temperature is not a defect - thanks to the aluminum body, the heat generated by the disk operation is better drained and transferred to the environment.
• Connection via USB 3.2 Gen 2x2 type C female connector.
• USB type C male / USB type C male cable length 38 cm in the package.

Other data:
• Box dimensions 15 x 112 x 40 mm (H x W x D).
• Box weight 83 g (without cable, without disk, without sleeve).

Supported operating systems:
• Windows 7 / 8.1 / 10 / 11 and later, macOS, iPadOS, iOS, Linux, Chrome OS and Android.
• Compatibility depends on the operating system and device manufacturer support.
• Note: when Windows 7 used it is necessary to check OS support and driver availability with the M.2 SSD manufacturer.

Package contains:
• USB-C 20Gbps external box for M.2 SSD,

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• silicone sleeve,
• USB-C – USB-C cable 38 cm long,
• 1 thermal conductive pad,
• mounting kit and screwdriver,
• multilingual manual CZ / DE / DK / ENG / ESP / FIN / FR / GR / HR / HU / IT / NL / PL / PT / RO / SK / SWE / TR / UA / BG / CN / ARA,
• packed in a cardboard box with a hanging hole.

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